

User Manual



V 2.2

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Introduction

Features

- Plays back Blu-ray ISO/H.264/WMV/VC-1/Xvid/MPEG-1/MPEG-2/RM/RMVB movie files, MP3/WMA/OGG/FLAC/AAC music files, JPEG/BMP/GIF/PNG photo and graphic files.
- Supports NTFS/FAT32 file system.
- Supports both NTSC and PAL TV systems.
- Supports 1080p video output.
- Supports HDMI and component video output.
- Supports Music Slideshow
- Supports external USB storage media playback.

System Requirements

A desktop or notebook PC

Available USB connection

350 MHz Pentium class processor or higher

Operating systems: Microsoft® Windows® 7 / Windows Vista™ / Windows® XP SP2

The Remote Control

The Remote Control

Buttons

- ① STANDBY: Activate this device / Return to Standby
- ② INFO: Display file properties / played time
- ③ TV SYS Switch output TV system to NTSC/PAL
(Startup only)
- ④ SELECT: Select a folder/a file
- ⑤ AUDIO: Switch audio tracks in a movie
- ⑥ SUBTITLE: Switch DVD subtitles;
Switch Xvid subtitle On/Off
- ⑦ REPEAT: Change the repeat mode
- ⑧ HOME: Return to **Home Menu**
- ⑨ RETURN: Return to parental folder
- ⑩ MENU: Display DVD menu;
Show menu dialogue box (in browsing mode only)
- ⑪ Cursor buttons
- ⑫ ENTER: Play/Pause the current selected file or folder
- ⑬ Fast rewind
- ⑭ Fast forward
- ⑮ Play the previous file
- ⑯ Stop current playback
- ⑰ Play the next file
- Note:
- This device must be activated before it will respond to commands from the remote control.
 - When using the remote control, point the remote control towards the front of this device.
 - The icon will appear on the screen when a button of non-available operation is pressed.



Parts and Functions

Parts and Functions



- ① Remote receiver When using the remote, point the remote towards here.
- ② Power LED: (Blue) Blinking: Received a remote control signal.
Off: Power off.
On: Power on.
Fast blinking: Booting up/ Accessing data through PC connection.
- ③ USB type A connector: Connect the USB mass storage devices with this device using a USB cable.
- ④ Coaxial digital audio connector: Outputs S/PDIF digital audio signal. Connect this jack to an AV receiver with a RCA cable. (cable not provided)
- ⑤ Power switch: Press this button to turn on this device.
Press and hold this button for about 3 seconds to turn off this device.
- ⑥ Composite audio/video output connector: Output composite video/audio signals.
The colors of the jacks are yellow, red and white.
- ⑦ Component video output connector: Output component video signals.
The colors of the jacks are green, blue and red. (cable not provided)
- ⑧ USB type B connector: Connecting this device with a PC using a USB cable.
- ⑨ HDMI connector: Outputs digital video/audio signals with a HDMI cable.
- ⑩ Kensington Security Slot: Connects to a Kensington lock pin.
- ⑪ Power connector: Connect to the AC adapter. (DC 12V)

Quick Start

Quick Start

Read before use.

1. Do not operate electronics with wet hands.
2. Do not operate this device in a bathroom or near water.
3. Do not bend cables in a sharp angle.
4. Keep this device and cables out of reach of children.
5. Keep this device and its accessories away from heat sources.

How do I use this device?

This device plays media contents stored in its internal HDD, or in an external USB storage connected to it. In the **Home Menu**, select the mode and the medium you want to browse, and then press the  **ENTER** button to start playback.

How do I copy media files into it?

1. Connect the AC adapter to this device.
2. Connect this device to your computer with the USB cable.
3. Press the Power Switch on the rear panel to turn on this device.
4. Copy files just like using a USB external HDD. (No additional software is needed!)
5. Disconnect this device from your computer using safe remove procedure of your OS.

How do I play media files on my TV?

1. Connect this device to your TV with correct cables.
2. Plug the AC adapter into the Power Connector.
3. Press the Power Switch on the rear panel, or press the  **STANDBY** button on the remote control to activate this device.
4. Browse with the cursor buttons and the  **ENTER** button.

What if my TV screen displays unstable image?

Press the **TV SYS** button repeatedly until the image goes steady. The **TV SYS** button functions only when this device first boots up and is disabled after you start browsing its interface.

How to configure settings?

Select and enter the **SETUP** option in the **Home Menu**.

PC Connection

OS Support

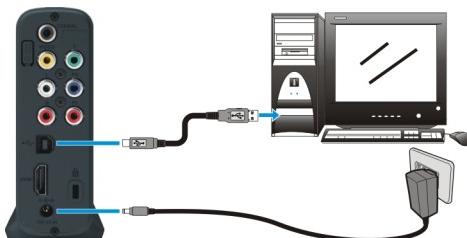
This device supports Microsoft® Windows® 7 / Windows Vista™ / Windows® XP SP2.



Some USB 2.0 Host Controllers may require updated device driver files to operate properly. If you have problems with your USB connection, visit the Windows Update web site to make sure you have the latest Service Packs and device drivers installed on your PC before contacting technical support.

Connecting via USB

1. Connect the plug of AC adapter to the connector marked “**DC IN**”, plug the other end into an electric outlet.
2. Connect the USB cable to the USB type B connector. Then connect the other end to computer’s USB port.
3. Press the Power Switch on the rear panel to turn on this device.
4. The computer will detect this device and you can start accessing the drive.



Note: Always remove USB cable before activating this device for playback.

Transferring Files on a USB Connection

Copy files into the internal HDD of this device just like using a USB external HDD. You can do it with Windows Explorer or any other applications appropriate for this job in your specific OS.



Always check that files have been copied to the device successfully. Always keep two copies of important files (an original and a backup). We are not liable for data loss or damage during file transfer or while store on the device.

Disconnecting from USB

1. Close all programs or Explorer windows that are accessing this device.
2. Click the Safely Remove Hardware icon () on the System Tray and select the drive letter assigned to this device. When the system message “safely removed” appears, unplug the USB cable from the computer.

Upgrading Firmware

1. Please consult your local distributor or vendor website for a firmware file.

2. Save the firmware file to the root folder of an USB mass storage device.



Note: Do not copy the firmware file to a folder, else the update will not work

3. Connect this device to a TV and then connect the USB mass storage device to this device.

4. Press the **STANDBY** button on the remote control to activate this device.

5. Select **Setup** → **System** → **System Upgrade** in the **Home Menu** to perform upgrade.

It may takes 3~5 minutes for the installation to complete. For a firmware update operation, the LED may blink during the installation process.



Note: • This device will automatically reboot several times to finish the installation.

Do not turn it off during the installation process.

• This device will return to **Home Menu** after the firmware installation is completed.

• All settings in the **Setup Menu** will be set to default values after upgrade.

Formatting the Internal HDD

This device supports NTFS/FAT32 file system. Connect this device to a computer via USB connection (page 5), and then use the format utility of your OS to format the internal HDD. You may need to refer to the manual of your OS for detailed instruction of its format utility.



Formatting the drive will erase all existing data! If you have files on the drive you want to save, move them to another drive before reformatting.



Note: Do not partition the internal HDD - leave it as a single large volume. Partitioning the internal HDD may cause this device to halt.

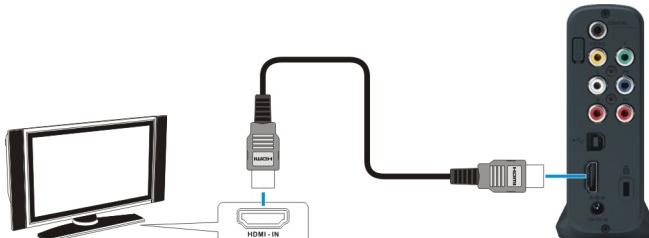
TV Connection

Connecting to AV Equipments

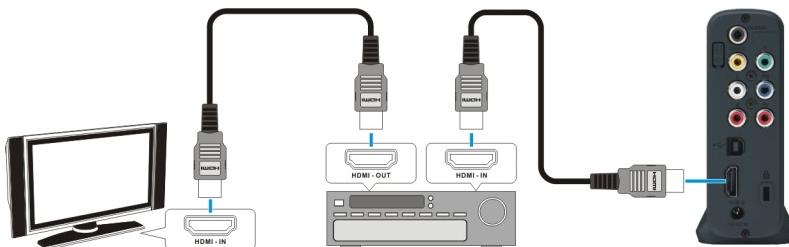
HDMI Connection

The HDMI connector can output both digital audio/video signals. Many HDTV sets and digital AV receivers support this type of connection.

To a TV:



To an AV receiver:

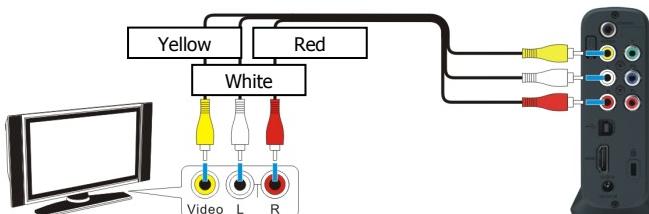


Note: Some TV sets are equipped with DVI input ports, which will receive video signals only, but these DVI ports use HDMI connectors instead of standard DVI connectors. If you find no audio signal output while using HDMI connection, connect the Composite Audio Connection or the Optical digital audio Connection as an auxiliary.

Composite Audio/Video Connection

The composite audio/video is compatible with most TV sets and AV amplifiers (receivers.)

Yellow: Video signal; White: Left audio channel; Red: Right audio channel.



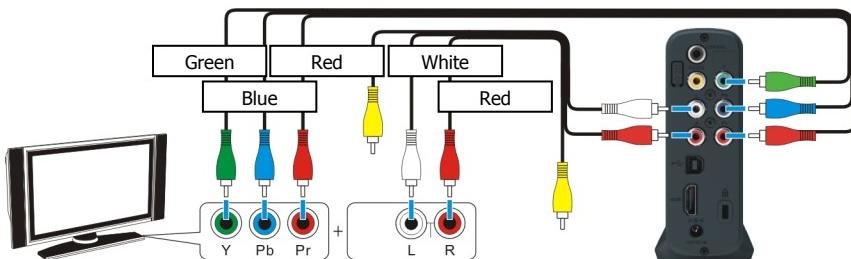
TV Connection

Component Video Connection (Y/Pb/Pr)

If your TV supports Component Video input (Y/Pb/Pr), you can connect it for better video quality. You will have to connect the audio cable for audio output.

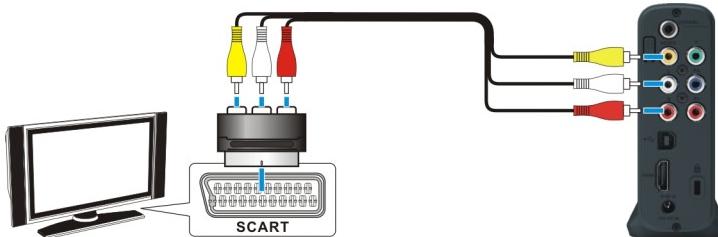


Note: Some TV sets are equipped with separate composite and component audio inputs. Be sure that you have connected the correct one.



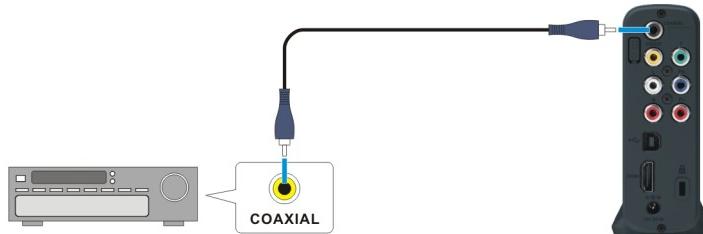
SCART Video Connection

If your TV is equipped with SCART input, connect the Composite connectors to a SCART adapter to output the audio/video signal. (SCART adapter not provided)



Coaxial Audio Connection

For a high quality digital audio, connect this connector to an AV receiver which equips a digital audio decoder. (Coaxial cable not provided)



Power Connection

Connect the DC jack of the AC adapter to the connector marked “**DC IN**” and plug the other end into an electrical outlet.

Activating for Playback

1. Turn on your TV and AV receiver.

TV Connection

2. Press the Power Switch on the rear panel, or press the  **STANDBY** button on the remote control to activate this device. The activation takes about 5-7 seconds, and the LED will blink at the same time.
3. After the LED stops blinking and glows steadily bright, this device is ready to use for playback.
4. After playback, press the  **STANDBY** button again to return to Standby mode.



Note:

- When using the remote control, point the remote control towards the front of this device.



When turning the HDD into Standby mode, please avoid moving it for 2-3 minutes due to spin down of the device. Moving the HDD while it is still spinning may damage it. We are not liable for any data loss or damage caused by inappropriate or careless use.



It is recommended to unplug the unit from the power socket completely when not in use.

Using the AV Playback Function

Using the AV Playback Function

When this device is connected to a TV and activated for playback, the **Home Menu** will display on the TV screen. You can also jump to the **Home Menu** during playback or while browsing other menus by pressing the  **HOME** button on the remote control.

You can use the cursor buttons on the remote control to navigate through menus, options, or files. Press the  **ENTER** button to open a folder, select an option, or play a file. Press the  **RETURN** button to return to a previous page or menu. Playlists can only be seen in **All** and **Music** modes.

All

All media files will be listed.

Video

Only video files will be listed. A jpg image shares the same filename with a video file can be shown as file icon.

Music

Only music files will be listed. ID3 cover art will be shown as file icon. If a jpg image named "cover.jpg" exists in the same folder with the music files, it can also be shown as icon of these files.

Photo

Only photo files will be listed.

Setup

Set up configuration options for this device.

Browsing Media Files

Browse media files in local storage media (HDD/USB).

HDD

Browse folders and files located on the internal HDD.

USB

Browse folders and files located on an external USB device connected to the USB 2.0 host port on this device.



- If USB bus power is insufficient to power up the USB HDD, connect the AC adapter to the USB HDD.
- Do not connect 2 USB HDDs to this device at the same time.

Playing Media Files from HDD/USB

1. Select a location to browse for the media file you want to play. Select **HDD** if the file is saved on the internal HDD or **USB** if the file is located on an external USB device

Using the AV Playback Function

connected to this device.

2. Browse to the folder containing the media file you want to play (use the cursor buttons on the remote control to navigate through listed folders; press the  **ENTER** button to open a folder or subfolder).
3. Select a media file and press the  **ENTER** button to start playback.

Playing Slideshow/Music Slideshow

1. Select the image file you want to start the slideshow, then press the  **ENTER** button. This device will display all photo images in the folder consecutively with the selected display interval.
2. To set the display interval for your slideshow, select **Setup** in the **Home Menu** to access the **Setup Menu**. Select **Slideshow → Slideshow Interval**, and select the time you want each photo to display. (page 14)
3. If you want to play music with slideshow, play music first, and then play the image you want to start slideshow.

Playing a DVD Folder

A DVD folder contains complete files for a DVD movie. This device can play back a movie from a DVD folder just like playing back a DVD disc. To create a DVD folder, connect this device to your computer, insert the DVD disc into the computer's optical drive, and use **My Computer** or **Windows Explorer** to browse the disc. Copy the entire "VIDEO_TS" folder from the DVD to this device. To play the DVD movie, navigate to the VIDEO_TS folder, select the VIDEO_TS IFO file and press the  **ENTER** button on the remote control.



Note: If the DVD folder is incomplete, you can still play back the VOB files directly. Functions controlled by the IFO file, such as the selection of subtitles, chapters, and angles, will be lost.



Some DVD discs cannot be copied because they have been protected with CSS protection. Always obey copyright and intellectual property rights. Do not copy DVDs with copyright and do not distribute them to others.

Performing Copy, Paste, or Delete Operation

By pressing the  **MENU** button on a file in **HDD**, you can select **Copy**, **Paste**, or **Delete** to perform these operations. You can only select **Copy** in **USB**.

Copy: Copy the selected file.

Paste: Paste the selected file to **HDD**.

Delete: Delete the selected file in **HDD**.

Using the AV Playback Function



Note: Pasting a file to **USB** is prohibited.

Adding to Quick List

In the Music mode, by pressing the **MENU** button on a music file saved on the internal HDD, you can select **Add to Quick List** to add this music file to **Quick List.m3u** in **/Playlists** folder on the internal HDD. By pressing the **SELECT** button on multiple folders or files, you can perform operation in batch. By pressing the **MENU** button on selected files, you can select **Add to Quick List** to add them to **Quick List.m3u**, or select **Deselect All** to remove all tags on these items.

Editing Quick List

By pressing the **MENU** button on a playlist file, you can select **Save As** to save it as another m3u file. You can select **Remove from Quick List** by pressing the **MENU** button on an item in the playlist to delete it.

Setup

Select **SETUP** in **Home Menu** to enter **Setup Menu**. Use the cursor buttons to select items.

Press the  **ENTER** button to enter a submenu or to confirm a selection. Press the  **RETURN** button to return to previous folder. Press the  **HOME** button to return to **Home Menu**.

Language

Menu Language

Select the language used to display the OSD menus and information.

Text Encoding

Select a language code page for additional ANSI local code subtitle support.

Audio

Select the language for the default audio when playing a DVD movie.

Subtitle

Select the language for the default subtitle when playing a DVD movie.

Disc Language

Select the language for the default menu when playing a DVD movie.

Video

Aspect Ratio

Pan Scan 4:3: Displays the 16:9 images in "Pan and Scan" with a 4:3 ratio TV connected.

Letter Box 4:3: Displays the 16:9 images in "Letter Box" with a 4:3 ratio TV connected.

16:9: Displays 16:9 images on a wide screen TV.

Brightness

Adjust brightness setting for video output to the TV.

Contrast

Adjust contrast setting for video output to the TV.

Video Output

Select an analog video output to connect to the TV.

Component: Outputs video signal via the component connector.

CVBS: Outputs video signal via the composite connector.

Video System

The following video systems are available:

NTSC/ PAL/ 480P/ 576P/ 720P 50HZ/ 720P 60HZ/ 1080i 50HZ/ 1080i 60HZ/ 1080p 50HZ/ 1080p 60HZ.

Screen Saver

Setup

Adjust idle time before activating Screen Saver.

Audio

HDMI Audio Output

RAW: Outputs digital audio without decoding.

STEREO: Outputs two channel audio signal.

Digital Audio Output (SPDIF)

RAW: Outputs digital audio without decoding.

STEREO: Outputs two channel audio signal.

Volume

Adjust audio volume.

System

Restore Default

Reset all settings to default values.

System Upgrade

Upgrade system firmware.

Slideshow

Slideshow Interval

Set time to display each photo during slideshow.

Transition Effect

Set fade or transition options for slideshow display.

Appendix

Specifications

HARD DRIVE SUPPORT

Internal Storage	3.5" SATA I/ SATA II HDD
File System	NTFS/FAT32
USB HDD File System	NTFS/FAT32/EXT2/EXT3/HFS+

INTERFACE

USB 2.0	USB 2.0 type A host port x 1
	USB 2.0 type B device port x 1

AUDIO/VIDEO INTERFACE

Analog Output	Composite video and stereo audio out (RCA x 3)
	Component video jack (Y/Pb/Pr) (RCA x 3)
Digital Output	HDMI connector x 1
	Coaxial S/PDIF output (RCA x1)

MEDIA SUPPORT

Audio Support	MP3, WAV, OGG, WMA, AAC, FLAC, Dolby Digital®, DTS®
Video Support	MPEG-1(MPG/DAT), Blu-ray Folder(M2TS), Blu-ray ISO, DVD Folder(IFO)/DVD ISO, MPEG-2(MPG/VOB/TS/M2TS), MPEG-4(Xvid/AVI/MP4/MOV/M4V), H.264/AVC/AVCHD(AVI/MKV/FLV/MOV/M4V/TS/M2TS), VC-1(AVI/MKV/M2TS) WMV9 (AVI/WMV/MKV), RM/RMVB(720p)
File Extension	AVI, MKV, MPG, VOB, IFO, TS, M2TS, MTS, MOV, M4V, WMV, FLV, RM, RMVB, ISO
Photo Support	JPEG (baseline), BMP, GIF, PNG, TIFF
DVD Folder	DVD Menu/Audio/Subtitle Selection
Xvid Subtitle Format	IDX/SUB, SRT, ASS, SSA, SMI, PSB, SUB
Music Slideshow	Music playback during photo slideshow

Max. Content Resolution

Video	1920 x 1080 pixels
JPEG	5120 x 3840 pixels (baseline)

VIDEO OUTPUT

TV System	NTSC / PAL
Screen Ratio	4:3 / 16:9
Component	480i / 480p / 576i / 576p / 720p(50/60Hz) / 1080i(50/60Hz) / 1080p(50/60Hz)
HDMI	480p / 576p / 720p(50/60Hz) / 1080i(50/60Hz) / 1080p(50/60Hz)

GENERAL

Dimensions	195(L) x 60(W) x 127(H) mm 7.7(L) x 2.4(W) x 5.0(H) inch
Weight	366g (Approx. without HDD)



Specifications are subject to change without prior notice.

Appendix



It is recommended to unplug the unit from the power socket completely when not in use.



Always check that files have been copied to the device successfully. Always keep two copies of important files (an original and a backup). We are not liable for data loss or damage during file transfer or while store on the device.



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Memo

Memo

Memo
